

IN THE ABSTRACT

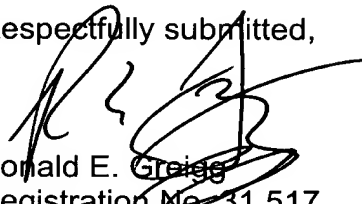
Please substitute the attached Abstract of the Disclosure for the abstract as originally as filed.

REMARKS

The above amendments are being made to place the application in better condition for examination.

Entry of the amendment is respectfully solicited.

Respectfully submitted,



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Page 10, replace the abstract for the following amended Abstract of the

Disclosure:

Abstract of the Disclosure

A device for acting on a flowing gas, in particular an exhaust, with a reactant, in particular a reducing agent, wherein the device has a supply tube embodied in its wall, which tube has openings via which reactant introduced into the supply tube can
5 be introduced into the flowing gas, characterized by means of a throttle disposed upstream of the openings in the supply tube.

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION

Page 1, the paragraph on lines 2 through 5, has been amended as follows:

--The current invention relates to a device for acting on a flowing gas, in particular an exhaust, with a reactant, in particular a reducing agent[, according to the preamble to claim 1].--

the paragraph starting on page 1, line 22 ending on page 2, line 9, has been amended as follows:

--Although a part of the reducing agent is atomized in the mixing chamber or mixing section, a wall film forms. If the atomizing tube depicted there is used, an uneven wall film decomposition occurs in the vicinity of bends or turns – particularly when small reducing agent quantities are used. This is due to the fact that in the inner and outer regions of the tube bend, there are different flow speeds of the air, exhaust, or other carrying medium which is used to transport the reducing agent. A favorable equidistribution of the reducing agent in the entire operating range of the system is therefore not assured. This results in poorer conversion rates in the catalytic converter.--

Page 2, the paragraph starting on line 23 ending on page 3, line 4, has been amended as follows:

--[Therefore the] A primary object of the invention is to produce a device for acting on a flowing gas, in particular an exhaust, with a reactant, in particular a reducing agent, with which a favorable aerosol formation occurs in the greatest

possible characteristic field range so that the overall efficiency of the reaction system, in particular of a catalytic converter system, is increased and so that lower NO_x emissions, for example, can be achieved.--

Page 3, the paragraph starting on line 19 ending on page 4, line 2, has been amended as follows:

--According to a [particularly] preferred embodiment of the device according to the invention, the means for uniformly distributing the reactant are embodied as screens or throttles inserted into the tube. A screen or throttle of this kind can be obtained for very little expense and can easily be inserted into a desired location in the supply or metering tube of the reactant.--

Page 5, the paragraph starting on line 12, ending on line 13, has been amended as follows:

--The [invention will now be explained in detail in] foregoing and other features of the invention will be from the detailed description, taken in conjunction with the accompanying drawings, [.] in which:--

Page 6, the paragraph on lines 16 through 25, has been amended as follows:

--At the downstream end of the supply tube 1, there is a section labeled X, which is shown in an enlarged scale in Fig. 2. In this region X, embodied on the circumference of the wall of the tube section 1b, the supply tube 1 has a number of openings 2 via which reducing agent can travel from the supply tube 1 into the exhaust pipe. Before these openings 2 in the [downstream] upstream direction, there

is a throttle 3, which has a throttle opening 3a in the center. The function of this throttle 3 in operational connection with the openings 2 will be explained below.--

Page 10, the abstract has been amended as follows:

[Abstract]

Abstract of the Disclosure

A device for acting on a flowing gas, in particular an exhaust, with a reactant, in particular a reducing agent, wherein the device has a supply tube embodied in its wall, which tube has openings [2] via which reactant introduced into the supply tube
5 can be introduced into the flowing gas, characterized by means of a throttle disposed upstream of the openings [2] in the supply tube [1].